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 10/15/2008 03:25 PM

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cc "Bryan Ness" <BNess@slwip.com>

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Subject: please process FW: OA; Y/R:P19049TW; O/R: PI-34446-AM;  
 (R.O.C. Patent Application No. 94109619) Deadline: 24  
 December 2008

Kristi C. Wheeler  
 Paralegal, International Department  
 Schwegman, Lundberg & Woessner  
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**From:** Mendoza, Christina [mailto:christina.mendoza@intel.com]  
**Sent:** Wednesday, October 15, 2008 2:52 PM  
**To:** Bryan Ness; Kristi Wheeler  
**Cc:** siplo@mail.saint-island.com.tw; Whittington, Stuart A; Pedersen-Giles, Alan L  
**Subject:** FW: OA; Y/R:P19049TW; O/R: PI-34446-AM; (R.O.C. Patent Application No. 94109619)  
 Deadline: 24 December 2008

Good afternoon Kristi & Bryan.

Attached is an Office Action that we received for the above application. It will be docketed and uploaded in CPA within 3 days of this email.

The deadline to respond is 24 December 2008. The work attorney is Mark Muller.

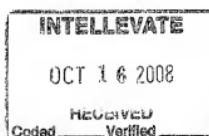
If there are any questions or you require anything further, please let me know.

Thank you.

Christina Mendoza  
 Foreign Patent Paralegal  
 Intel Corporation  
 (408) 765-9592  
 M/S: RNB4-150

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**From:** siiplo [mailto:[siiplo@mail.saint-island.com.tw](mailto:siiplo@mail.saint-island.com.tw)]  
**Sent:** Wednesday, October 01, 2008 2:11 AM  
**To:** Legal Foreign Filing Dept  
**Subject:** OA: Y/R:P19049TW; O/R: PI-34446-AM; (R.O.C. Patent Application No. 94109619) Deadline: 24 December 2008

Attention: Ms. Christina Mendoza (Foreign Patent Paralegal, INTEL CORPORATION)

Dear Ms. Mendoza,

Please see the attachments.

Best Regards,

Hong-Yue DU

Saint Island International Patent and Law Offices

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<< 34446(reporting letter).pdf >> << 34446(OL).pdf >> << 34446(OL translation).pdf >>



34446(reporting letter).pdf 34446(OL).pdf 34446(OL translation).pdf

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## INTERNATIONAL PATENT & LAW OFFICES

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October 1, 2008

Your Ref.: P19049TW

Our Ref.: PI-34446-AM

Patent Practice Group  
Foreign Filing Administration  
INTEL CORPORATION

Re: Taiwan (R.O.C.) Patent Application No. 94109619  
"Signal Reception Apparatus, Systems, and Methods"  
In the name of Intel Corporation

Dear Sirs,

We received an Official Letter from the Examiner on September 24, 2008, indicating that the preamble of Claim 8, "An article including a machine-accessible medium having associated information", fails to particularly point out the essential features of the claimed subject matters, and requesting us, on that basis, to make a necessary amendment.

Although the objection raised is ill-founded, we, solely to avoid any unnecessary argument with the Examiner and to thereby expedite the prosecution of the subject application, suggest rephrasing the preamble of Claim 8 as "A machine-accessible medium having associated information, wherein the information, when accessed, results in a machine performing", and the preamble of Claims 9~13 as "The machine-accessible medium" concurrently.

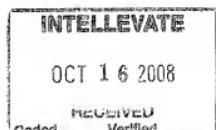
The deadline for responding to the Official Letter is **December 24, 2008**. A copy of the Official Letter with its English translation, as well as a copy of the search report, is attached hereto for your records. Besides, as the references cited in the search report are all under Category A, we refrained from translating the search report into English.

Looking forward to receiving your instructions, we remain,

Sincerely yours,

SAINT ISLAND INTERNATIONAL  
PATENT & LAW OFFICES

  
For the Firm



HYD/chi  
Attachments

檔 號	聖 島 收 文 章
發文人員	日期 97.9.24

## 經濟部智慧財產局 審查意見通知函

P74446

機關地址：台北市辛亥路2段185  
號3樓聯絡人：許瑞雄  
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臺北市松山區南京東路3段248號7樓受文者：英特爾公司（代理人：惲軼  
群先生、陳文郎先生）

發文日期：中華民國97年9月22日

發文文號：(97)智專二(三)04123字第  
09720506440號 速別：  
密等及解密條件或保密期限：  
附件：如文

\*0972050644001\*

主旨：第094109619號專利申請案經審查後認有如說明一所述情事，  
 台端（貴公司）請於文到次日起3個月內提出申復說明（  
 一式2份）或修正至局。逾期未復者，本局將依現有資料續  
 行審查，請查照。

## 說明：

## 一、本案經審查認為：

(一) 本案「信號接收裝置、系統及方法」，申請日為  
 94年3月28日，其申請專利範圍共26項，其中第1、  
 8、14、19、22為獨立項，其餘為附屬項。

(二) 本案申請專利範圍第8項及其附屬項所載標的為「  
 物品」，然內容所載為機器可執行之動作，未載  
 明實施之必要技術特徵，即構成該物品之構件及  
 構件間之連結關係，不符專利法第26條第4項之規  
 定。

二、如有補充、修正說明書或圖式者，依專利法施行細則  
 第28條之規定，應備具補充、修正申請書一式2份，

並檢送補充、修正部分劃線之說明書或圖式修正頁一式2份及補充、修正後無劃線之說明書或圖式替換頁一式3份；如補充、修正後致原說明書或圖式頁數不連續者，應檢附補充、修正後之全份說明書或圖式一式3份至局。

三、若希望來局當面示範或說明，請於申復說明書內註明「申請面詢」並繳交規費新台幣1千元正，本局認為有必要時，將另行通知面詢地點及時間。

四、檢送本案檢索報告1份。

## 經濟部智慧財產局

裝

訂

線

## 第 094109619 號專利申請案檢索報告

1. 申請日： 94 年 3 月 28 日		
2. 優先權日： 2004 年 3 月 30 日		
3. 本案國際專利分類號(IPC)： H04J1/00 (2006.01) , G06F17/14 (2006.01)		
4. 檢索國際專利分類號(IPC)範圍：		
H04B7/04-H04B7/216 (2006.01) , H04J1/00-H04J1/05 (2006.01) , H04J3/24 (2006.01) , H04L7/00-H04L7/02 (2006.01) , H04L12/00-H04L12/58 (2006.01) , H04L29/10 (2006.01) , G01R31/00 (2006.01) , G06F12/00-G06F12/10 (2006.01) , G06F17/14 (2006.01) , H04L5/02-H04L5/14 (2006.01) , H04L27/26-H04L27/28 (2006.01)		
5. 檢索使用資料庫名稱(關鍵詞)： TIPO國內外專利資料庫		
關聯性代碼	引用文獻資料與相關段落處	相關聯請求項
A	1. TW 514738 2002/12/21 第3~4頁、第29~30頁	1~7
A	2. TW 396702 2000/07/01 第3~24頁	8~13
A	3. TW 545006 2003/08/01 第3~5頁、第37~48頁	14~18, 22~26
A	4. TW 579160 2004/03/01 第3~22頁	19~21
A	5. US 2003/0123475A1 2003/07/03 摘要	1~26
A	6. US 2003/0156602A1 2003/08/21 摘要	1~26
A	7. WO 02/069552A1 2002/09/06 摘要	1~26

## 關聯性代碼說明：

X：單獨引用即足以否定發明新穎性或進步性之特別相關的文獻。

Y：結合一或多篇其他文獻後足以否定發明進步性之特別相關的文獻。

A：一般技術水準之參考文獻。

O：公開使用、販賣或展覽陳列之文件。

D：說明書已記載之文獻。

P：申請日與優先權日間公開之文獻。

E：申請在前、公開／公告在後之專利文獻。

L：其他理由引用之文獻。

完成日：97 年 8 月 12 日

關聯性 代 碼	引用文獻資料與相關段落處	相關聯 請求項
A	8. US 2003/0231700A1 2003/12/18 全文	1~26
A	9. BurgA;RuppM;HaeneS;PerelsD;FelberN;FichtnerW,"Lowcom plexityfrequencydomainequalizationofMIMOchannelswitha pplications to MIMO-CDMA systems",Page(s):468-472 Vol.1 XP 010700890,2003-10-06 sectionII.A sectionIII.B	1~26
A	10. OgawaY;NishioK;NishimuraT;OhganeT "AMIMO-OFDM system for high-speed transmission",Page(s):493-497 Vol.1, XP0107 00945,2003-10-06 第493頁與圖式3	1~26
A	11. Songping Wu;Bar-Ness Y, "Multiple Phase Noise Correction for OFDM/SDMA", GLOBECOM'03,2003-IEEE GLOBAL TELECOMMU IONS CONFERENCE, CONFERENCE PROCEEDINGS, SANFRANC I DEC, 1-5, 2003; [IEE GLOBAL TELECOMMUNICATIONS CONFER , ISBN 978-0-7803-7974-9; ISBN 0-7803-7974-8, Vol.3, Page (s):1311-1315, XP010677507,2003-12-01 sectionI、圖式1	1~26
A	12. US 2004/0086027A1 2004/05/06 摘要、申請專利範圍、圖式 Priority number(s): US2003041466320030416; US2002042267 0P20021031	1~26
A	13. US 2004/0120410A1 2004/06/24 摘要、申請專利範圍、圖式 Priority number(s): US2003039611820030325; US2002043497 7P20021220	1~26
A	14. EP 1370017A1 2003/12/10 摘要、申請專利範圍、圖式	1~26

關聯性代碼說明：

X：單獨引用即足以肯定發明新穎性或進步性之得為相關之文獻。  
Y：結合一或多篇其他文獻後足以  
否定發明進步性之得特別相關的  
文獻。

A：一般技術水準之參考文獻。

O：公開使用、販賣或展覽陳列之  
文件。

D：說明書已記載之文獻。

P：申請日與優先權日間公開之文獻。

E：申請在先、公開／公告在後  
之專利文獻。

L：其他理由引用之文獻。

完成日：97年8月12日

**OFFICIAL LETTER**

Date of Receipt: September 24, 2008

From : INTELLECTUAL PROPERTY BUREAU, MINISTRY OF ECONOMIC AFFAIRS  
Examiner : Mr. Hsieh  
Phone : 02-2376-7403  
Fax : 02-2377-9875  
To : Intel Corporation (c/o Patrick I.C. Yun & William W.L. Chen)  
Address : 7F, 248, Section 3, Nanking E. Road, Taipei  
Date : September 22, 2008  
Ref : (97)chihchuan2(3)04123, No. 09720506440

Subject : In connection with Patent Application No. 94109619, the Applicant is required to file an Amendment, within 3 months following the receipt of this Letter. The Examiner will otherwise issue a decision based on the materials already on file in case of the Applicant's failure to meet this deadline.

Contents:

1. The Examiner is of the opinion that:
  - a. The subject application "Signal Reception Apparatus, Systems, and Methods" filed on March 28, 2005 comprises totally 26 claims in the set of claims, in which Claims 1, 8, 14, 19, and 22 are independent claims and the rest are dependent claims.
  - b. The preambles of Claim 8 and its dependent claims are not in compliance with Article 26.4 of the Patent Law for failing to point out the essential features of the claimed subject matters. Hence, a necessary amendment needs to be attended to.
2. Any supplement and/or amendment should be conducted in accordance with the provisions in Article 28 of the Enforcement Rules of the Patent Law. In case of filing any amendments, the Applicant is required to submit the Amendment in duplicate, the amended specification & drawings with and without the underlined amendment in duplicate and triplicate respectively. In case of any change to the number of pages as a result of the amendment filed, three full copies of the specification & drawings will be required.
3. The Applicant may indicate in the Response his wish for a personal interview with payment of an official fee of NT\$1000. If deemed necessary, the time and place of the interview will be arranged separately.
4. A search report is attached.

Sealed by INTELLECTUAL PROPERTY BUREAU, MINISTRY OF ECONOMIC AFFAIRS